

REMARKS

Claims 1-20 are currently pending in the application. By this amendment, the drawings are amended. Additionally, claims 1 and 4-6 are amended, and claims 7-20 are added. The above amendments and new claims do not add new matter to the application and are fully supported by the specification. Support for the new claims 7-20 can be found in, e.g., Figs. 3-7. Reconsideration of the rejected claims in view of the above amendments and the following remarks is respectfully requested.

Objection to Drawings

The drawings were objected to because Fig. 1 is alleged to show only conventional features and is not labeled as "Prior Art".

Applicant is herein submitting one (1) Replacement Sheet drawing sheets showing Fig. 1 and including the label "Prior Art".

Accordingly, Applicant respectfully requests that the Examiner indicate that the drawings are accepted.

35 U.S.C. § 112, Second Paragraph

Claim 6 is rejected under 35 U.S.C. § 112, second paragraph, as being definite.

By this Amendment, this rejection has been rendered moot because claim 6 has been amended consistent with the Examiner's comments.

Accordingly, Applicant respectfully requests that the Examiner withdraw the above-noted indefiniteness rejection.

35 U.S.C. § 103(a) Rejections

Claims 1, 4 and 5 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. patent No. 6,510,325 to MACK, II et al. in view of U.S. patent No. 6,125,289 to LEE and further in view of US published patent application No. 2003/0181228 to KIM and US published patent application No. 2004/0137958 to SAWAI.

Claim 2 was rejected under 35 U.S.C. § 103(a) as being unpatentable over MACK in view of LEE, and further in view of KIM, SAWAI, and US published patent application No. 2004/0235539 to OHTA.

Claim 3 was rejected under 35 U.S.C. § 103(a) as being unpatentable over MACK in view of LEE, and further in view of KIM, SAWAI, and US patent No. 5,465,401 to THOMPSON.

Claim 6 was rejected under 35 U.S.C. § 103(a) as being unpatentable over MACK in view of LEE, and further in view of KIM, SAWAI, and US patent No. 6,052,579 to McC ESTABROOK.

The Examiner makes various assertions of obviousness on the basis of various combinations of the above-noted documents. Applicant respectfully disagrees with each of these rejections.

Independent claim 1 recites, *inter alia*,

a main body provided with a front display to provide an image to a user;
an upper folder connected with an upper part of the main body by a hinge, having a plurality of buttons and a speaker; and
a lower folder connected with a lower part of the main body by a hinge, having a plurality of buttons and a speaker.

Applicant respectfully submits that no proper combination of the applied documents discloses or suggests at least these features.

Applicant does not dispute that MACK discloses a mobile phone having a main body 8 and upper and lower folders or members 9 and 10 connected thereto by hinges 13 and 14. Nor does Applicant dispute that Fig. 3 shows that the upper folder or member 9 has a speaker 4. However, as the Examiner correctly acknowledged, MACK does not disclose or suggest (i) that the main body 8 has a front display, (ii) an upper folder or member having a plurality of buttons, and (iii) a speaker on the lower folder or member.

Applicant also does not dispute that LEE discloses a mobile phone having a main body 10 and upper and lower folders or members 40 and 20 connected thereto by hinges 11 and 12. Nor does Applicant dispute that Fig. 7 shows that the upper folder or member 40 has a speaker 50 and that the main body has a display 15. However, as the Examiner correctly acknowledged, LEE does not disclose or suggest an upper folder or member having a plurality of buttons, and LEE does not disclose or suggest a speaker on the lower folder or member.

Applicant additionally also does not dispute that KIM discloses a mobile phone having a main body 110 and an upper folder or members 120 connected thereto by a hinge. Nor does Applicant dispute that Fig. 2 shows that the upper folder or member 210 has a plurality of buttons 260. However, the Examiner must acknowledge that KIM does not disclose or suggest a double folder mobile phone. Nor does KIM disclose or

suggest a speaker on either the upper or lower folders. Finally, it is clear that KIM utilizes a back display on the upper folder and not a front display on the main body.

Applicant submits that it would not have been obvious to combine these documents. As the Examiner will note, none of the documents suggests using two speakers on a double folder phone. Nor would it have been obvious combine the teachings of these documents for at least the following reasons:

- (0) MACK teaches to use two displays 6 and 20 and a speaker 4 on the two-piece upper folder 9 and 11, a touch pad 43 on the main body, and buttons on the lower folder. There is no basis for moving one of the displays from the upper folder to the main body because this would require eliminating or interfering with the touch pad 43.
- (0) LEE teaches to place the display and buttons on the main body and also to place one speaker in the upper folder. There is no basis or suggestion in LEE for moving the buttons from the main body to the either of the upper and lower folders. Nor is there any basis or suggestion in LEE for adding a speaker to the lower folder since this would require eliminating or interfering with the microphone 30.
- (0) KIM teaches to place the display and buttons on a rear side of the upper folder. There is no basis or suggestion in KIM for adding a speaker to the upper and lower folders. Nor is there any basis or suggestion in KIM for adding a speaker to the lower folder as KIM lacks a lower folder.

Applicant also submits that each of SAWAI, OHTA, THOMPSON and McC ESTABROOK fail to cure the deficiencies of the above-noted combination of documents. For example, SAWAI places the display in the upper folder, the buttons on the main body, and a speaker in the hinge (see Fig. 4). SAWAI contains no suggestion with regard to placing buttons and speakers in each of upper and lower folder members. To the contrary, the Examiner simply must acknowledge that SAWAI does not even disclose or suggest a double folder mobile phone.

Moreover, OHTA places the display and a speaker in the upper folder and the buttons on the main body (see Fig. 1). OHTA contains no suggestion with regard to placing buttons and speakers in each of upper and lower folder members. Additionally, the Examiner must acknowledge that OHTA also does not even disclose or suggest a double folder mobile phone.

With regard to THOMPSON, Applicant notes that this document places the buttons and a speaker on the main body and a microphone in the lower folder (see Figs. 4 and 5). THOMPSON contains no suggestion with regard to placing buttons and speakers in each of upper and lower folder members. Additionally, the Examiner must acknowledge that THOMPSON also does not even disclose or suggest a double folder mobile phone.

Finally, Applicant notes that McC ESTABROOK discloses a speaker on the main body and a microphone in the lower folder (see Figs. 1 and 2). McC ESTABROOK contains no suggestion with regard to placing buttons and speakers in each of upper

and lower folder members. Additionally, the Examiner must acknowledge that McC ESTABROOK also does not even disclose or suggest a double folder mobile phone.

Accordingly, Applicant submits that it would not have been obvious to combine these documents, and even if these documents were properly combinable, they would still fail to disclose or suggest the combination of features recited in at least claim 1. As the Examiner will note, none of the documents suggests using two speakers on a double folder phone.

Furthermore, dependent claims 2-6 recite additional features which are not disclosed, or even suggested, by any proper combination of the above-noted documents and the Examiner has not shown otherwise.

Accordingly, Applicant respectfully submits that the rejections under 35 U.S.C. § 103(a) should be withdrawn.

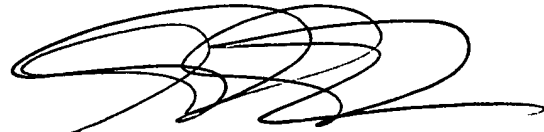
New Claims are also Allowable

Applicant submits that the new claims 7-20 are allowable over the applied art of record. Specifically, claims 7-20 recite, among other things, a combination of features similar to those of claim 1 and are clearly not disclosed or suggested by the applied art of record. Accordingly, Applicants respectfully request consideration of these claims and further request that the above-noted claims be indicated as being allowable.

CONCLUSION

In view of the foregoing amendments and remarks, Applicant submits that all of the claims are patentably distinct from the prior art of record and are in condition for allowance. The Examiner is respectfully requested to pass the above application to issue. The Examiner is invited to contact the undersigned at the telephone number listed below, if needed. Applicant hereby makes a written conditional petition for extension of time, if required. Please charge any deficiencies in fees and credit any overpayment of fees to Deposit Account No. 19-0089.

Respectfully submitted,
Choong-Sheek HONG



Andrew M. Calderon
Registration No. 38,093

November 18, 2005
Greenblum & Bernstein, P.L.C.
1950 Roland Clarke Place
Reston, Virginia 20191
Telephone: 703-716-1191
Facsimile: 703-716-1180

AMENDMENT TO THE DRAWINGS

Please replace the drawing sheet showing Fig. 1 with the following Replacement Sheet drawing sheet showing Fig. 1.

Fig. 1 has been amended to include the label "Prior Art" in order to address the drawing objection noted in the Office Action dated August 25, 2005. No new matter has been added.